

Title (en)
RECHARGEABLE BATTERY

Title (de)
WIEDERAUFLADBARE BATTERIE

Title (fr)
BATTERIE RECHARGEABLE

Publication
EP 3067957 A1 20160914 (EN)

Application
EP 16159760 A 20160311

Priority
KR 20150035254 A 20150313

Abstract (en)
A rechargeable battery includes: an electrode assembly (110) formed by repeatedly stacking first and second electrodes (11, 12) while interposing a separator (13) therebetween, the first and second electrodes (11, 12) each having an uncoated region (11 b, 12b) and a coated region (11a, 12a); and a pouch (120) having a flexible property and accommodating the electrode assembly (110). The electrode assembly (110) includes a fixing portion (18) where the separator (18) is attached and fixed to the uncoated regions (11 b, 12b) of the first and second electrodes (11, 12).

IPC 8 full level
H01M 4/70 (2006.01); **H01M 10/04** (2006.01); **H01M 50/119** (2021.01); **H01M 50/121** (2021.01); **H01M 50/129** (2021.01); **H01M 50/136** (2021.01); **H01M 50/178** (2021.01); **H01M 50/533** (2021.01); **H01M 50/534** (2021.01); **H01M 50/55** (2021.01); **H01M 50/557** (2021.01); **H01M 50/562** (2021.01); **H01M 10/0585** (2010.01)

CPC (source: CN EP KR US)
H01M 4/0404 (2013.01 - CN); **H01M 4/70** (2013.01 - EP KR US); **H01M 10/0413** (2013.01 - CN); **H01M 10/0436** (2013.01 - EP KR US); **H01M 10/052** (2013.01 - KR); **H01M 10/0525** (2013.01 - KR); **H01M 10/0585** (2013.01 - KR); **H01M 50/103** (2021.01 - KR); **H01M 50/116** (2021.01 - KR); **H01M 50/119** (2021.01 - CN EP KR US); **H01M 50/121** (2021.01 - CN EP KR US); **H01M 50/124** (2021.01 - EP KR US); **H01M 50/129** (2021.01 - CN EP KR US); **H01M 50/136** (2021.01 - CN EP KR US); **H01M 50/178** (2021.01 - CN EP KR US); **H01M 50/46** (2021.01 - US); **H01M 50/461** (2021.01 - EP KR US); **H01M 50/463** (2021.01 - KR); **H01M 50/531** (2021.01 - KR); **H01M 50/533** (2021.01 - CN EP KR US); **H01M 50/534** (2021.01 - CN EP KR US); **H01M 50/54** (2021.01 - KR); **H01M 50/55** (2021.01 - CN EP KR US); **H01M 50/557** (2021.01 - CN EP KR US); **H01M 50/562** (2021.01 - CN EP KR US); **H01M 10/0585** (2013.01 - EP US); **H01M 50/103** (2021.01 - EP US); **H01M 2220/30** (2013.01 - KR US); **Y02E 60/10** (2013.01 - EP KR); **Y02P 70/50** (2015.11 - EP KR)

Citation (search report)

- [E] EP 3024053 A1 20160525 - SAMSUNG SDI CO LTD [KR]
- [XA] US 2014079979 A1 20140320 - KWON MOON-SEOK [KR], et al
- [A] EP 2770555 A1 20140827 - SAMSUNG SDI CO LTD [KR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3067957 A1 20160914; **EP 3067957 B1 20170920**; CN 105977516 A 20160928; CN 105977516 B 20200214; JP 2016171060 A 20160923; JP 6690831 B2 20200428; KR 102266593 B1 20210617; KR 20160109947 A 20160921; US 10128470 B2 20181113; US 2016268557 A1 20160915

DOCDB simple family (application)
EP 16159760 A 20160311; CN 201510971140 A 20151222; JP 2015215827 A 20151102; KR 20150035254 A 20150313; US 201514948155 A 20151120